



Inner Ear Thermometer

User Instructions



Please read the instructions carefully before using.

The ear thermometer is a device capable of achieving infra-red temperature measurement when placed in the auditory canal of a subject. It is a safe means of measuring human body temperature through the ear.

Specification:

Range of displayed temperature : 34°C~44°C(93.2°F~111.2°F)

Display L°C(L°F) when the temperature is under 34°C(93.2°F)

Display H°C(H°F) when the temperature is over 44°C(111.2°F)

Operating ambient:

Temperature: 16°C~35°C(60.8°F~95.0°F)

Humidity: ≤80%rh

Storage and transport condition:

Temperature: -10°C to 55°C(14°F to 131°F)

Humidity: 30%rh to 90%rh

Display resolution temperature range: 0.1°C(0.1°F)

Accuracy: ±0.2°C (from 35.5°C to 42.0°C)

±0.4°F (from 96.0°F to 107.6°F)

Display: liquid crystal display, 4 digits

temperature value: display the maximum temperature

in measuring process

temperature unit: centigrade or fahrenheit

display of memory: last ten memories

low battery warning: the LCD display and then a beep sound is heard

Power consumption: 0.6 millionwatt in measurement mode

Battery: two 1.5V alkaline batteries (AAA)

Battery life: 4000 takes or 6 months with 3-min. use per day

Dimension: 134mm by 70mm by 34mm

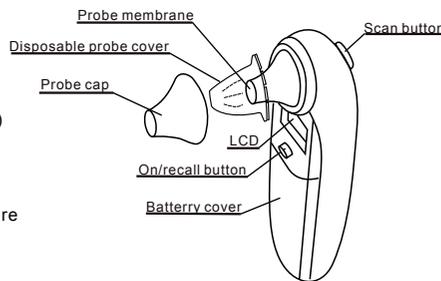
Net weight: 74g

Beeper sign: on/off, measuring finish and low voltage warning, etc.

Self-testing sequence: Press the 'on/recall' button to turn on the thermometer and all of symbol (See Fig A) should be displayed on the LCD in one second.

Calibration: This thermometer is calibrated at the time of manufacture. If the thermometer is used according to the instructions, periodic re-calibration is not required.

Manufacturing Batch code: see the label within the battery compartment.

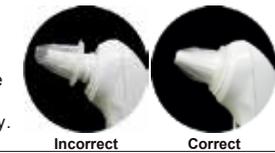


Cautions

1. Condition the thermometer at room temperature for 30 minutes before taking a reading.
2. Use a new probe cover with each and every measurement to prevent inaccurate readings.
3. Please keep your ear canal clear, if not, the measuring result shall be inaccurate.
4. The ' ? ' symbol on the display indicates the device is ready for use.
5. Do not scratch the probe membrane as this will affect the accuracy of measurements.
6. If the LCD does not change or respond when you press any of the buttons, remove the batteries and then replace to reset.
7. Please don't use the thermometer if your ear canal has become inflamed. Do not force the thermometer into the ear canal. If pain occurs, stop using immediately.
8. Do not expose this thermometer to electric shock.
9. Do not expose the thermometer to sunlight or to water.
10. Do not use near strong electromagnetic fields, i.e. Keep it away from any radio systems and mobile phones.
11. Do not modify this device without authorization of the manufacturer.
12. This device must always be kept in a clean, dry area.
13. : Degree of protection against electric shock is Type BF applied part.
14. : Battery disposal should be completed in accordance with local regulations.

Note:

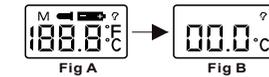
- In order to avoid the spreading of germs, use a new probe cover for each measurement
- Check to ensure probe cover is fitted on firmly before use (please see the diagrams right).
If the probe cover is broken, discard and apply a new one immediately.



How to use (°C displays for example)

Measuring human body temperature in the Ear Canal

1. Press the 'on/recall' button to turn on the thermometer. After the beep the thermometer will be ready to read when the LCD display matches Fig B.



2. Straighten the ear canal by pulling the outer ear up and back to give a clear view of the eardrum.

• For children under 1 year. Pull the ear straight back.

• For children ages 1 year to adult, Pull the ear up and back.

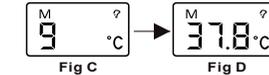
(Caution: Many pediatricians suggest use of ear thermometers for children older than 6 months.)



3. While pulling the outer ear, insert the probe snugly into the ear canal (insert as deep as is comfortable, do not force, the probe into the ear canal), press the 'scan' button. Release it, when you hear a beep sound the measurement is complete. Remove the thermometer from the ear. The display shows the measured temperature.

4. **Repeat measurements:** wait at least 1 minute between measurements. Ensure the Ear symbol is visible in the LCD.

5. **Memory search:** Press the 'on/recall' button, the last ten memories (NO.9-NO.0) will take turns to display on the LCD as Fig C and Fig D.



6. The LCD will display 'Er 1' as Fig E and cannot display temperature when the ambient temperature is out of the range of 10°C to 35°C.



7. **Shut off:** The thermometer shall automatically shut off without manipulating in one minute.

Explanation of symbols

battery is empty

Product disposal instructions for electronic devices

The battery in this product complies with the requirements stated in European Directives 2006/66/EEC

REF Model Reference

M Memory

Type BF equipment

Symbol for "COMPLIES WITH MDD 93/42/EEC REQUIREMENTS"

LoC or LoF subject temperature is under 22°C

Hc or Hf subject temperature is above 40°C

or Read IFU carefully

Authorised representative in the European community

Symbol for "MANUFACTURER"

Classification according to the degree of protection against ingress of water as detailed in IEC 529

Lot Number

Cleaning and Storage

1. Store thermometer and the **Disposable probe covers** in a dry location free from dust and contamination and away from direct sunlight. The ambient temperature at the storage location should remain fairly constant and within the range of -10°C to 55°C.
2. Use an alcohol swab or cotton swab moistened with alcohol (70% Isopropyl) to clean the thermometer casing and the measuring probe before each use. Ensure that no liquid enters the interior of the thermometer.
3. Never use abrasive cleaning agents, thinners or gasoline for cleaning and never immerse the instrument in water or other cleaning liquids. **Take care not to scratch the surface of the probe membrane or display.**



Replacing the batteries

1. When voltage of the batteries are low, the LCD will display symbol, please replace two new batteries in unit. The thermometer cannot work accurately under the condition of low voltage.
2. The thermometer is supplied with two 1.5V ALKALINE BATTERIES (AAA). Insert new batteries when the low battery symbol appears on the LCD.
3. Remove the battery cover and take out the old batteries.
4. Place two new batteries according to the '+' or '-'
5. Please take out the batteries to avoid battery leaking if unit not used for over six months.
6. The disposal of the probe cover, battery and device shall comply with the local environment requirements. The lithium battery or fuel cell may lead to excessive temperatures, fire or explosion.

Guarantee

This product is guaranteed for a period of one year from the date of purchase against mechanical and electrical manufacturing defects. There are no serviceable parts inside this device. Any attempted repair by unauthorised persons invalidates the warranty. In the unlikely event that you experience a problem, please return it to the retailer where you made the purchase, along with your receipt. This does not affect your statutory rights.